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NPIC/R-59/62

MISSILE TEST CENTER, TYURA TAM, USSR  
CHANGES AND ADDITIONS

BETWEEN [REDACTED] 246-6

INTRODUCTION

This report presents information on changes and additions at the Tyura Tam Missile Test Center that were made between the photographic coverage of [REDACTED]

[REDACTED] and supplements the material included in three previous reports. 1/ 2/ 3/ Although the [REDACTED] photography covers the entire center, the small scale greatly limits analysis; therefore, all mensuration included is approximate only.

As of [REDACTED] expansion of the center was continuing (Figure 1). The most significant new identification is a new launch complex (Complex "D"), that was under construction east of Complex "C". Also new are two suspect launch complexes, both under construction, northwest of Complex "C". These are labeled Suspect Launch Complexes "E" and "F". No other major changes or additions were observed in the Rangehead or Support Base. Less important developments are covered briefly. Minor additions, such as a building or two in the support areas, however, are not mentioned.

LAUNCH COMPLEX "D"

This new launch complex under construction (Figure 2) is approximately 14 nautical miles (nm) east of Launch Complex "C" (Figure 1). Work on the complex apparently has not progressed beyond the earth-moving stage. There appears to be no pattern of construction that would indicate pads or launch facilities. Because of its location at an established rangehead and its isolation from other facilities, however, there is little doubt that when completed this facility will be another launch complex.

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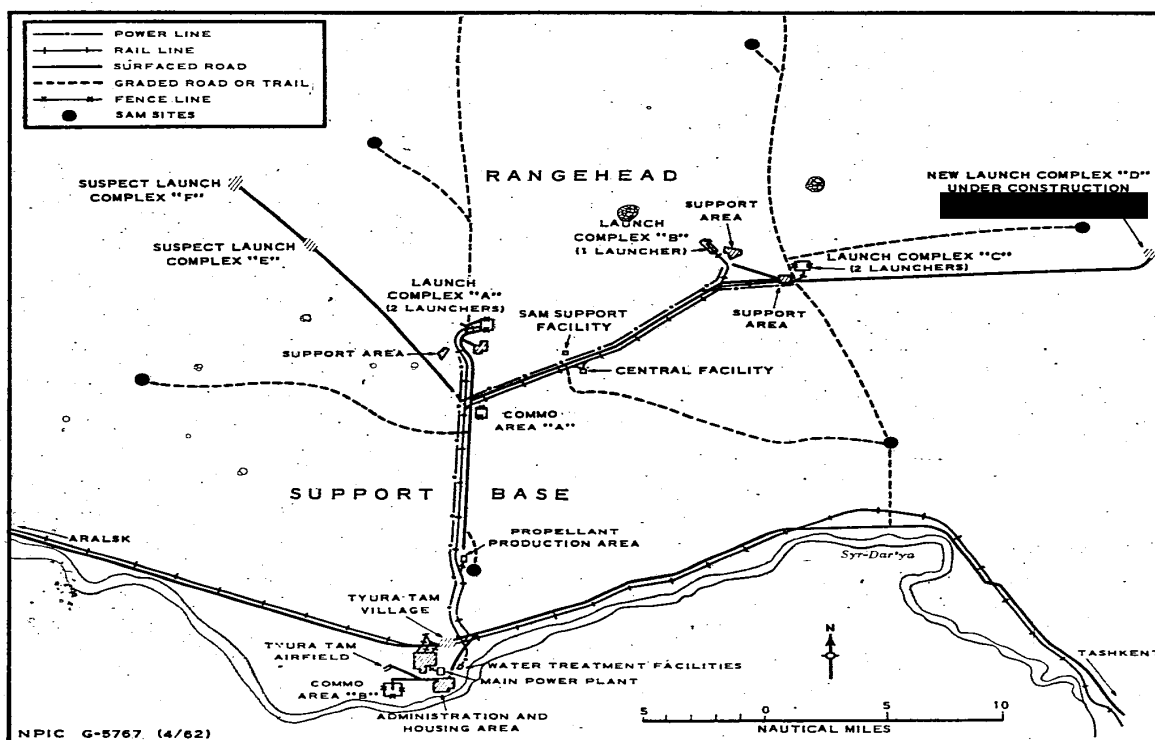


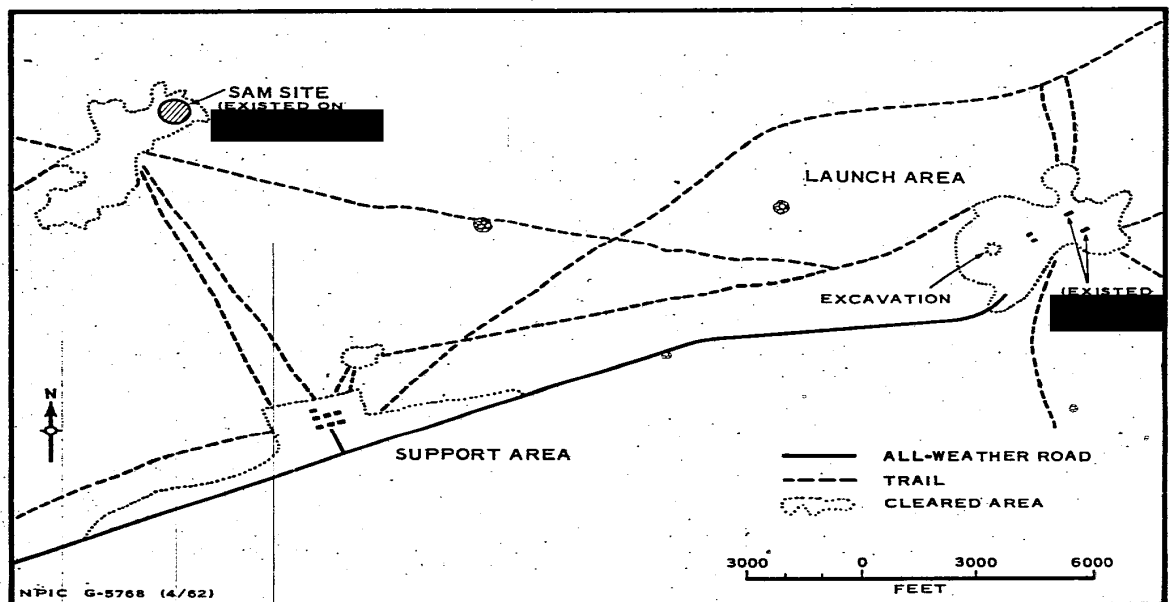
FIGURE 1. TYURA TAM MISSILE TEST CENTER.

Photography of the area is of poor quality, but several features are apparent. One indistinct rectangular pattern of earth, which appears to be an excavation approximately 300 feet square, can be seen at the construction site. This pattern, but very little ground scarring, was visible in [REDACTED]. What appears to be two buildings northeast of the construction site also were visible at that time. In the [REDACTED] months between the [REDACTED] missions, however, trackage and ground scarring show a marked increase.

Access to the new complex is provided by a new, well-engineered, blacktop road that extends east from Complex "C". The survey line for this road was visible in [REDACTED].

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25X1D



25X1D

FIGURE 2. LAUNCH COMPLEX "D".

About 2 nm west of Complex "D" is a small support area (Figure 2). This area is a short distance north of the main road and is joined to it by a hard-surfaced road. The intersection of the two roads forms a 90-degree angle, with no signs of widening at the corners. The hard surface of the road stops at the entrance to the support area, which contains seven buildings. No road pattern is visible within the area. Two tracks lead from the area to the SAM site that is located about 2 nm to the north.

Because of the road pattern and the arrangement of buildings, it is believed that there are no missile-handling facilities in the support area. It is highly probable that the missile support facilities at Launch Complex "C" will be used to support the new complex.

25X1D Between [REDACTED] most of the construction effort apparently was directed toward the road and support area. Work on the

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25X1D launch complex itself apparently was just getting underway as of [REDACTED]  
25X1D [REDACTED] If work was in progress at the launch complex during the interval, it shows no definite pattern; but there are two possibilities, as follows:

1. Work is proceeding very slowly, and the complex is still in an early stage of construction.
2. Work is proceeding in a normal manner, but with no discernible pattern.

25X1B

25X1B

### SUSPECT LAUNCH COMPLEXES "E" AND "F"

Suspect Launch Complex "E" and Suspect Launch Complex "F" are located 6.5 nm and 14.0 nm, respectively, northwest of Launch Complex "A". One lies alongside and the other at the terminus of an all-weather road leading northwest from Communications Area "A" (Figure 1). A water line is adjacent to this road and appears to be under construction. The line starts at a new pumping station located on the west side of the main road that serves Complex "A". No construction was apparent at either of these sites on [REDACTED] although survey work was in progress along the proposed road.

25X1D

Suspect Launch Complex "E" is located on the northeast side of the new road at the terminus of a 4,000-foot hard-surfaced branch road (Figure 3). Construction is underway at the end of this road; however, it has not reached the stage where any features can be identified. This

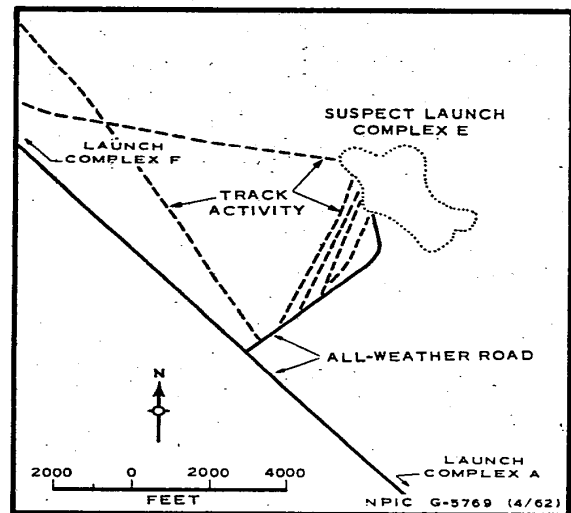


FIGURE 3. SUSPECT LAUNCH COMPLEX "E".

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area is 7.5 nm from Suspect Launch Complex "F", too great a distance for it to be the support area for Complex "F".

Suspect Launch Complex "F" is located at the terminus of the new all-weather road. As at Suspect Launch Complex "E", construction has not progressed to a recognizable stage, and the determination of the configuration is not possible at this time.

### LAUNCH COMPLEX "C"

Launch Complex "C" shows continuing expansion, including a new area under construction south of the fenced launch area. The new area, which is at least 7,500 by 2,700 feet, is both rail- and road-served and contains three buildings. It is located south of the new service road that serves Complex "D" (Figure 4). It is probable that this is a missile-handling facility and is associated with Complex "D", although its function is not definitely determined at this time.

Within the launch area itself, additions are confined to a new building and a 900-foot road extension. At least five new buildings have been added in the support area, and the internal road system has been improved. No other changes were noted.

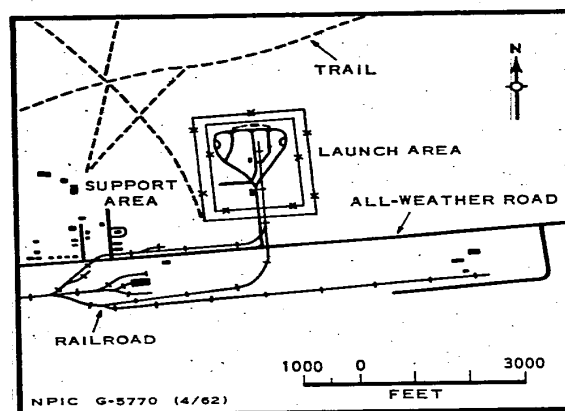


FIGURE 4. LAUNCH COMPLEX "C". Red denotes new construction.

### LAUNCH COMPLEX "B"

Only minor changes have taken place at Launch Complex "B". Within the fenced launch area, the rail spur located on the west side of the

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25X1D assembly and checkout building has been extended 600 feet to the north.  
25X1D The purpose of this rail extension may be concerned with the excavation located midway between the checkout building and the launch pad. This excavation, which was clearly seen on [REDACTED] is not clearly defined on [REDACTED]. A projection of the rail extension passes through this excavation. No other changes were noted in the launch area.

Six new buildings were added in the housing section of the support area. New ground searring indicates that additional housing units are under construction and that the housing area will be doubled in size.

### OTHER AREAS

25X1A

Two minor changes have taken place near the Propellant Production Area. A new rail spur has been added on the west side of the main service rail line to Complex "A" (Figure 5). At this time, no activity or function can be ascribed to this spur. A small support area, with adjacent athletic field, has been constructed south of the Propellant Production Area and on the east side of the main rail line. The poor quality of the photography precludes the identification of either the buildings or the function of this area.

Ground searring at Communications Area "B" indicates the possibility of expansion of an undetermined nature.

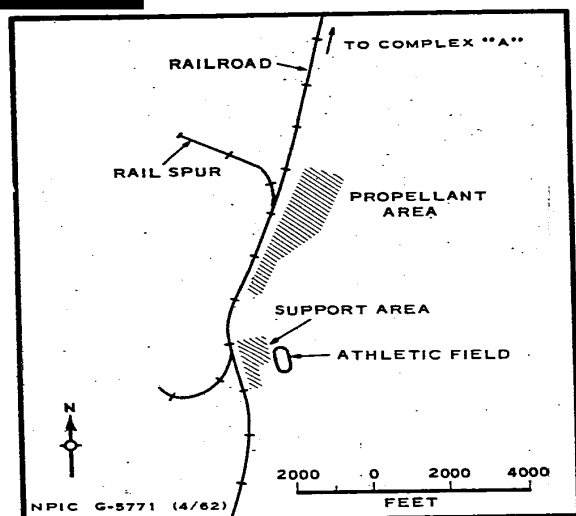


FIGURE 5. PROPELLANT PRODUCTION AREA.  
Red denotes new construction.

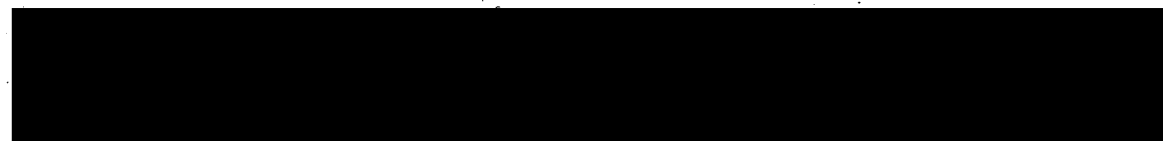
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REFERENCES

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25X1D



DOCUMENTS

25X1D

25X1D

25X1D

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2. CIA. PIC/JR-2/60, Missile Launching Complex, Tyura Tam, USSR: Comparative Analysis Feb 60 (TOP SECRET CHESS)
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REQUIREMENT

CIA. OSI/R-147/61

NPIC PROJECT

JN-258/61

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